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What is claimed is:

- 1. A power supply for an implantable cardioverter-defibrillator for subcutaneous positioning between the third rib and the twelfth rib and using a lead system that does not directly contact a patient's heart or reside in the intrathorasic blood vessels and for providing antitachycardia pacing energy to the heart, the power supply comprising:
- a capacitor subsystem for storing the antitachycardia pacing energy for delivery to the patient's heart; and
- a battery subsystem electrically coupled to the capacitor subsystem for providing the anti-tachycardia pacing energy to the capacitor subsystem.
- 2. The power supply of claim 1, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately one milliamp to approximately 250 milliamps.
 - 3. The power supply of claim 2, wherein the anti-tachycardia pacing energy comprises a biphasic

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waveform having a peak current that is approximately one milliamp to approximately 50 milliamps.

- 4. The power supply of claim 2, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately 50 milliamps to approximately 100 milliamps.
- 5. The power supply of claim 2, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately 100 milliamps to approximately 150 milliamps.
- 6. The power supply of claim 2, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately 150 milliamps to approximately 200 milliamps.
- 7. The power supply of claim 2, wherein the
 20 anti-tachycardia pacing energy comprises a biphasic
 waveform having a peak current that is approximately
 200 milliamps to approximately 250 milliamps.

8. The power supply of claim 1, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 1 millisecond to approximately 40 milliseconds.

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9. The power supply of claim 8, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 1 millisecond to approximately 10 milliseconds.

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10. The power supply of claim 8, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 10 milliseconds to approximately 20 milliseconds.

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11. The power supply of claim 8, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 20 milliseconds to approximately 30 milliseconds.

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12. The power supply of claim 8, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 30 milliseconds to approximately 40 milliseconds.

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- 13. The power supply of claim 1, wherein the anti-tachycardia pacing energy comprises a biphasic waveform further comprising a portion that is positive in polarity and a portion that is negative in polarity.
- 14. The power supply of claim 1, wherein the anti-tachycardia pacing energy comprises a biphasic waveform that is provided at a rate of approximately 100 to approximately 350 stimuli/minute.
- 15. The power supply of claim 14, wherein the biphasic waveform is provided after a patient's heart rate is equal to or greater than approximately 100 beats/minute.
- 16. The power supply of claim 15, wherein the biphasic waveform is provided after a patient's heart rate is associated with a monomorphic ECG pattern.
- 17. The power supply of claim 1, wherein the lead system comprises an electrode located proximate

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the sternum and anterior portion of the patient's heart.

- 18. The power supply of claim 1, wherein the anti-tachycardia pacing energy comprises burst pacing.
- 19. The power supply of claim 1, wherein the anti-tachycardia pacing energy comprises ramp pacing.
- 20. The power supply of claim 1, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately one milliamp to approximately 250 milliamps.
- 21. The power supply of claim 20, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately one milliamp to approximately 50 milliamps.
- 22. The power supply of claim 20, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately 50 milliamps to approximately 100 milliamps.

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- 23. The power supply of claim 20, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately 100 milliamps to approximately 150 milliamps.
- 24. The power supply of claim 20, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately 150 milliamps to approximately 200 milliamps.
- 25. The power supply of claim 20, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately 200 milliamps to approximately 250 milliamps.
- 26. The power supply of claim 1, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 1 millisecond to approximately 40 milliseconds.
- 27. The power supply of claim 26, wherein the anti-tachycardia pacing energy comprises a monophasic

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waveform having a pulse width that is approximately 1 millisecond to approximately 10 milliseconds.

28. The power supply of claim 26, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 10 milliseconds to approximately 20 milliseconds.

29. The power supply of claim 26, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 20 milliseconds to approximately 30 milliseconds.

- 30. The power supply of claim 26, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 30 milliseconds to approximately 40 milliseconds.
- 31. The power supply of claim 1, wherein the
 20 anti-tachycardia pacing energy comprises a monophasic
 waveform that is either positive or negative in
 polarity.

32. The power supply of claim 1, wherein the anti-tachycardia pacing energy comprises a monophasic waveform that is provided at a rate of approximately 100 to approximately 350 stimuli/minute.

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33. The power supply of claim 32, wherein the monophasic waveform is provided after a patient's heart rate is equal to or greater than approximately 100 beats/minute.

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34. The power supply of claim 33, wherein the monophasic waveform is provided after a patient's heart rate is associated with a monomorphic ECG pattern.

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35. The power supply of claim 1, wherein the lead system comprises an electrode located proximate the sternum and anterior portion of the patient's heart.

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36. The power supply of claim 1, wherein the anti-tachycardia pacing energy comprises burst pacing.

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- 37. The power supply of claim 1, wherein the anti-tachycardia pacing energy comprises ramp pacing.
- 38. Current output system for an implantable cardioverter-defibrillator using a lead system that does not directly contact a patient's heart or reside in the intrathorasic blood vessels and for providing anti-tachycardia pacing energy to the heart, the power supply comprising:

an energy storage system for storing the antitachycardia pacing energy for delivery to the patient's heart; and

an energy source system electrically coupled to the capacitor subsystem for providing the anti-tachycardia pacing energy to the capacitor subsystem.

39. Current output system of claim 38, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately one milliamp to approximately 250 milliamps.

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- 40. Current output system of claim 39, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately one milliamp to approximately 50 milliamps.
- 41. Current output system of claim 39, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately 50 milliamps to approximately 100 milliamps.
- 42. Current output system of claim 39, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately 100 milliamps to approximately 150 milliamps.
- 43. Current output system of claim 39, wherein
 the anti-tachycardia pacing energy comprises a
 biphasic waveform having a peak current that is
 approximately 150 milliamps to approximately 200
 milliamps.

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- 44. Current output system of claim 39, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately 200 milliamps to approximately 250 milliamps.
- 45. Current output system of claim 38, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 1 millisecond to approximately 40 milliseconds.
- 46. Current output system of claim 45, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 1 millisecond to approximately 10 milliseconds.
- 20 47. Current output system of claim 45, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 10 milliseconds to approximately 20 milliseconds.

- 48. Current output system of claim 45, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 20 milliseconds to approximately 30 milliseconds.
- 49. Current output system of claim 45, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 30 milliseconds to approximately 40 milliseconds.
- 50. Current output system of claim 38, wherein
 the anti-tachycardia pacing energy comprises a
 biphasic waveform further comprising a portion that
 is positive in polarity and a portion that is
 negative in polarity.
- 51. Current output system of claim 38, wherein the anti-tachycardia pacing energy comprises a biphasic waveform that is provided at a rate of approximately 100 to approximately 350 stimuli/minute.

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- 52. Current output system of claim 51, wherein the biphasic waveform is provided after a patient's heart rate is equal to or greater than approximately 100 beats/minute.
- 53. The current output system of claim 52, wherein the biphasic waveform is provided after a patient's heart rate is associated with a monomorphic ECG pattern.
- 54. The current output system of claim 38, wherein the lead system comprises an electrode located proximate the sternum and anterior portion of the patient's heart.
- 55. The current output system of claim 38, wherein the anti-tachycardia pacing energy comprises burst pacing.

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56. The current output system of claim 38, wherein the anti-tachycardia pacing energy comprises ramp pacing.

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- 57. Current output system of claim 38, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately one milliamp to approximately 250 milliamps.
- 58. Current output system of claim 57, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately one milliamp to approximately 50 milliamps.
- 59. Current output system of claim 57, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately 50 milliamps to approximately 100 milliamps.
- the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately 100 milliamps to approximately 150 milliamps.

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- 61. Current output system of claim 57, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately 150 milliamps to approximately 200 milliamps.
- 62. Current output system of claim 57, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately 200 milliamps to approximately 250 milliamps.
- 63. Current output system of claim 38, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 1 millisecond to approximately 40 milliseconds.
- 20 64. Current output system of claim 63, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 1 millisecond to approximately 10 milliseconds.

- 65. Current output system of claim 63, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 10 milliseconds to approximately 20 milliseconds.
 - 66. Current output system of claim 63, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 20 milliseconds to approximately 30 milliseconds.
- 67. Current output system of claim 63, wherein
 the anti-tachycardia pacing energy comprises a
 monophasic waveform having a pulse width that is
 approximately 30 milliseconds to approximately 40
 milliseconds.
- 20 68. Current output system of claim 38, wherein the anti-tachycardia pacing energy comprises a monophasic waveform further comprising a positive voltage portion.

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- Current output system of claim 38, wherein the anti-tachycardia pacing energy comprises a monophasic waveform that is provided at a rate of approximately 100 to approximately 350 stimuli/minute.
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 - Current output system of claim 69, wherein the monophasic waveform is provided after a patient's heart rate is equal to or greater than approximately 100 beats/minute.
 - 71. The current output system of claim 70, wherein the monophasic waveform is provided after a patient's heart rate is associated with a monomorphic ECG pattern.
 - 72. The current output system of claim 38, wherein the lead system comprises an electrode located proximate the sternum and anterior portion of the patient's heart.

- 73. The current output system of claim 38, wherein the anti-tachycardia pacing energy comprises burst pacing.
- 74. The current output system of claim 38, wherein the anti-tachycardia pacing energy comprises ramp pacing.
 - 75. An implantable cardioverter-defibrillator for subcutaneous positioning between the third rib and the twelfth rib within a patient, the implantable cardioverter-defibrillator comprising:
 - a housing having an electrically conductive surface on an outer surface of the housing;
 - a lead assembly electrically coupled to the housing and having an electrode, wherein the lead assembly does not directly contact the patient's heart or reside in the intrathorasic blood vessels;
- a capacitor subsystem located within the housing

 20 and electrically coupled to the electrically conductive surface and the electrode for storing anti-tachycardia pacing energy and for delivering the anti-tachycardia pacing energy to the patient's heart

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through the electrically conductive surface and the electrode; and

a battery subsystem electrically coupled to the capacitor subsystem for providing the anti-tachycardia pacing energy to the capacitor subsystem.

76. The implantable cardioverter-defibrillator of claim 75, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately one milliamp to approximately 250 milliamps.

77. The implantable cardioverter-defibrillator of claim 76, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately one milliamp to approximately 50 milliamps.

78. The implantable cardioverter-defibrillator

20 of claim 76, wherein the anti-tachycardia pacing
energy comprises a biphasic waveform having a peak
current that is approximately 50 milliamps to
approximately 100 milliamps.

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- 79. The implantable cardioverter-defibrillator of claim 76, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately 100 milliamps to approximately 150 milliamps.
- 80. The implantable cardioverter-defibrillator of claim 76, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately 150 milliamps to approximately 200 milliamps.
- 81. The implantable cardioverter-defibrillator of claim 76, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately 200 milliamps to approximately 250 milliamps.
- 20 82. The implantable cardioverter-defibrillator of claim 76, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 1 millisecond to approximately 40 milliseconds.

- 83. The implantable cardioverter-defibrillator of claim 82, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 1 millisecond to approximately 10 milliseconds.
- 84. The implantable cardioverter-defibrillator of claim 82, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 10 milliseconds to approximately 20 milliseconds.
- 85. The implantable cardioverter-defibrillator

 of claim 82, wherein the anti-tachycardia pacing
 energy comprises a biphasic waveform having a pulse
 width that is approximately 20 milliseconds to
 approximately 30 milliseconds.
- 20 86. The implantable cardioverter-defibrillator of claim 82, wherein the anti-tachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 30 milliseconds to approximately 40 milliseconds.

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- 87. The implantable cardioverter-defibrillator of claim 75, wherein the anti-tachycardia pacing energy comprises a biphasic waveform further comprising a portion that is positive in polarity and a portion that is negative in polarity.
 - 88. The implantable cardioverter-defibrillator of claim 75, wherein the anti-tachycardia pacing energy comprises a biphasic waveform that is provided at a rate of approximately 100 to approximately 350 stimuli/minute.
- 89. The implantable cardioverter-defibrillator of claim 88, wherein the biphasic waveform is provided after a patient's heart rate is equal to or greater than approximately 100 beats/minute.
- 90. The implantable cardioverter-defibrillator

 20 of claim 89, wherein the monophasic waveform is

 provided after a patient's heart rate is associated

 with a monomorphic ECG pattern.

91. The implantable cardioverter-defibrillator of claim 75, wherein the lead system comprises an electrode located proximate the sternum and anterior portion of the patient's heart.

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92. The implantable cardioverter-defibrillator of claim 75, wherein the anti-tachycardia pacing energy comprises burst pacing.

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93. The implantable cardioverter-defibrillator of claim 75, wherein the anti-tachycardia pacing energy comprises ramp pacing.

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94. The implantable cardioverter-defibrillator of claim 75, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately one milliamp to approximately 250 milliamps.

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95. The implantable cardioverter-defibrillator of claim 94, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak

current that is approximately one milliamp to approximately 50 milliamps.

96. The implantable cardioverter-defibrillator of claim 94, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately 50 milliamps to approximately 100 milliamps.

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97. The implantable cardioverter-defibrillator of claim 94, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately 100 milliamps to approximately 150 milliamps.

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98. The implantable cardioverter-defibrillator of claim 94, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately 150 milliamps to approximately 200 milliamps.

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99. The implantable cardioverter-defibrillator of claim 94, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a peak

current that is approximately 200 milliamps to approximately 250 milliamps.

of claim 75, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 1 millisecond to approximately 40 milliseconds.

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101. The implantable cardioverter-defibrillator of claim 100, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 1 millisecond to approximately 10 milliseconds.

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of claim 100, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 10 milliseconds to approximately 20 milliseconds.

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103. The implantable cardioverter-defibrillator of claim 100, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a pulse

width that is approximately 20 milliseconds to approximately 30 milliseconds.

104. The implantable cardioverter-defibrillator of claim 100, wherein the anti-tachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 30 milliseconds to approximately 40 milliseconds.

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105. The implantable cardioverter-defibrillator of claim 75, wherein the anti-tachycardia pacing energy comprises a monophasic waveform that is either positive or negative in polarity.

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106. The implantable cardioverter-defibrillator of claim 105, wherein the anti-tachycardia pacing energy comprises a monophasic waveform that is provided at a rate of approximately 100 to approximately 350 stimuli/minute.

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107. The implantable cardioverter-defibrillator of claim 106, wherein the monophasic waveform is provided after a patient's heart rate is equal to or greater than approximately 100 beats/minute.

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- of claim 107, wherein the monophasic waveform is provided after a patient's heart rate is associated with a monomorphic ECG pattern.
 - 109. The implantable cardioverter-defibrillator of claim 75, wherein the lead system comprises an electrode located proximate the sternum and anterior portion of the patient's heart.

108. The implantable cardioverter-defibrillator

110. The implantable cardioverter-defibrillator of claim 75, wherein the anti-tachycardia pacing energy comprises burst pacing.

111. The implantable cardioverter-defibrillator of claim 75, wherein the anti-tachycardia pacing energy comprises ramp pacing.

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implantable cardioverter-defibrillator for subcutaneous positioning between the third rib and the twelfth rib and using a lead system that does not directly contact a patient's heart or reside in the intrathorasic blood vessels and for providing antitachycardia pacing energy to the heart, the method comprising:

generating anti-tachycardia pacing energy;

storing the anti-tachycardia pacing energy; and

delivering the anti-tachycardia pacing energy to

the patient's heart.

113. The method of claim 112, wherein the antitachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately one milliamp to approximately 250 milliamps.

114. The method of claim 113, wherein the antitachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately one milliamp to approximately 50 milliamps.

115. The method of claim 113, wherein the antitachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately 50 milliamps to approximately 100 milliamps.

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116. The method of claim 113, wherein the antitachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately 100 milliamps to approximately 150 milliamps.

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117. The method of claim 113, wherein the antitachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately 150 milliamps to approximately 200 milliamps.

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118. The method of claim 113, wherein the antitachycardia pacing energy comprises a biphasic waveform having a peak current that is approximately 200 milliamps to approximately 250 milliamps.

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119. The method of claim 112, wherein the antitachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 1 millisecond to approximately 40 milliseconds.

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- 120. The method of claim 119, wherein the antitachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 1 millisecond to approximately 10 milliseconds.
- 121. The method of claim 119, wherein the antitachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 10 milliseconds to approximately 20 milliseconds.
- 122. The method of claim 119, wherein the antitachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 20 milliseconds to approximately 30 milliseconds.
 - 123. The method of claim 119, wherein the antitachycardia pacing energy comprises a biphasic waveform having a pulse width that is approximately 30 milliseconds to approximately 40 milliseconds.
 - 124. The method of claim 112, wherein the antitachycardia pacing energy comprises a biphasic waveform further comprising a portion that is

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positive in polarity and a portion that is negative in polarity.

- 125. The method of claim 112, wherein the antitachycardia pacing energy comprises a biphasic waveform that is provided at a rate of approximately 100 to approximately 350 stimuli/minute.
- 126. The method of claim 125, wherein the biphasic waveform is provided after a patient's heart rate is equal to or greater than approximately 100 beats/minute.
- 127. The method of claim 126, wherein the

 15 biphasic waveform is provided after a patient's heart

 rate is associated with a monomorphic ECG pattern.
 - 128. The method of claim 112, wherein the lead system comprises an electrode located proximate the sternum and anterior portion of the patient's heart.
 - 129. The method of claim 112, wherein the antitachycardia pacing energy comprises burst pacing.

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- 130. The method of claim 112, wherein the antitachycardia pacing energy comprises ramp pacing.
- 131. The method of claim 112, wherein the antitachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately one milliamp to approximately 250 milliamps.
- 132. The method of claim 131, wherein the antitachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately one milliamp to approximately 50 milliamps.
- 133. The method of claim 131, wherein the antitachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately 50 milliamps to approximately 100 milliamps.
- 134. The method of claim 131, wherein the anti20 tachycardia pacing energy comprises a monophasic
 waveform having a peak current that is approximately
 100 milliamps to approximately 150 milliamps.

135. The method of claim 131, wherein the antitachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately 150 milliamps to approximately 200 milliamps.

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136. The method of claim 131, wherein the antitachycardia pacing energy comprises a monophasic waveform having a peak current that is approximately 200 milliamps to approximately 250 milliamps.

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137. The method of claim 112, wherein the antitachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 1 millisecond to approximately 40 milliseconds.

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138. The method of claim 137, wherein the antitachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 1 millisecond to approximately 10 milliseconds.

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139. The method of claim 137, wherein the antitachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 10 milliseconds to approximately 20 milliseconds. 5.

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- 140. The method of claim 137, wherein the antitachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 20 milliseconds to approximately 30 milliseconds.
- 141. The method of claim 137, wherein the antitachycardia pacing energy comprises a monophasic waveform having a pulse width that is approximately 30 milliseconds to approximately 40 milliseconds.
- 142. The method of claim 112, wherein the antitachycardia pacing energy comprises a monophasic waveform that is either positive or negative in polarity.
- 143. The method of claim 112, wherein the antitachycardia pacing energy comprises a monophasic waveform that is provided at a rate of approximately 100 to approximately 350 stimuli/minute.
- 144. The method of claim 143, wherein the monophasic waveform is provided after a patient's

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heart rate is equal or less than approximately 100 beats/minute.

- 145. The method of claim 144, wherein the monophasic waveform is provided after a patient's heart rate is associated with a monomorphic ECG pattern.
- 146. The method of claim 112, wherein the lead system comprises an electrode located proximate the sternum and anterior portion of the patient's heart.
- 147. The method of claim 112, wherein the antitachycardia pacing energy comprises burst pacing.
- 148. The method of claim 112, wherein the antitachycardia pacing energy comprises ramp pacing.
- 149. The power supply of claim 1, wherein the

 20 battery subsystem and the capacitor system provide a

 sufficient voltage to provide an anti-tachycardia pacing
 energy comprising an approximately constant current.